

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		((frequency adj1 convert\$) same multiplex\$ ) and optic\$	USPAT	OR	OFF	2001/05/24 10:29
		(frequency adj1 division adj1 multiplex\$) and optic\$	USPAT	OR	OFF	2001/05/14 12:14
S1	2720	frequency adj1 division adj1 multiplex\$	USPAT	OR	OFF	2006/06/11 13:39
S2	849	((frequency adj1 division adj1 multiplex\$) and optic\$) and convert\$	USPAT	OR	OFF	2001/05/14 12:15
S3	90	((frequency adj1 division adj1 multiplex\$) and optic\$) and convert\$) and wdm	USPAT	OR	OFF	2001/05/14 12:37
S4	139	(359/119).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 11:12
S5	606	(359/124).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 11:12
S6	74	((("359/124").CCLS.) and (frequency adj1 division adj1 multiplex\$)	USPAT	OR	OFF	2001/05/14 12:47
S7	371	(359/127).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 11:12
S8	35	((("359/127").CCLS.) and (frequency adj1 division adj1 multiplex\$)	USPAT	OR	OFF	2001/05/14 12:51
S9	12	((("4642804") or ("4658394") or ("4704715") or ("4705350") or ("4845703") or ("5005166") or ("5077727") or ("5086349") or ("5194977") or ("5321540") or ("4989199") or ("5321540") or ("5510921") or ("5194977") or ("4642804")).PN.	USPAT; USOCR	OR	OFF	2001/05/14 14:00
S10	1	("5159481").PN.	USPAT; USOCR	OR	OFF	2001/05/15 12:43
S11	4	"5510921".uref.	USPAT	OR	OFF	2001/05/21 09:50
S12	611	(359/124).CCLS.	USPAT; USOCR	OR	OFF	2001/05/21 09:50
S13	83	((("359/124").CCLS.) and (frequency adj1 division)	USPAT	OR	OFF	2001/05/21 10:17
S14	686	359/125	USPAT	OR	OFF	2003/04/11 11:13
S15	106	359/125 and (frequency adj1 division)	USPAT	OR	OFF	2001/05/21 11:18
S16	159	subscriber\$ same (frequency adj1 multiplex\$)	USPAT	OR	OFF	2001/05/21 11:20
S17	371	(359/127).CCLS.	USPAT; USOCR	OR	OFF	2001/05/22 10:19

## EAST Search History

S18	140	(359/119).CCLS.	USPAT; USOCR	OR	OFF	2001/05/22 10:25
S19	619	(359/124).CCLS.	USPAT; USOCR	OR	OFF	2001/05/22 10:26
S20	247	(359/125).CCLS.	USPAT; USOCR	OR	OFF	2001/05/23 11:01
S21	5	((("4989199") or ("5321540") or ("5510921") or ("5294977") or ("4642804")).PN.	USPAT; USOCR	OR	OFF	2001/05/23 13:09
S22	5	(frequency adj1 convert\$) same wdm	USPAT	OR	OFF	2001/05/24 10:28
S23	713	(frequency adj1 convert\$) same multiplex\$	USPAT	OR	OFF	2001/05/24 10:29
S24	151	(359/123).CCLS.	USPAT; USOCR	OR	OFF	2001/05/25 09:32
S25	223	(359/128).CCLS.	USPAT; USOCR	OR	OFF	2001/05/25 09:32
S26	223	(359/128).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 11:13
S27	3	((("5801864") or ("5510921") or ("5321540")).PN.	USPAT; USOCR	OR	OFF	2002/02/20 13:45
S28	1	"5510921".PN.	USPAT	OR	OFF	2002/02/20 13:47
S29	1	"5194977".PN.	USPAT	OR	OFF	2002/02/20 13:48
S30	1	"5086349".PN.	USPAT	OR	OFF	2002/02/20 13:48
S31	1	"5077727".PN.	USPAT	OR	OFF	2002/02/20 13:49
S32	1	"5005166".PN.	USPAT	OR	OFF	2002/02/20 13:49
S33	1	"4989199".PN.	USPAT	OR	OFF	2002/02/20 13:49
S34	1	"4845703".PN.	USPAT	OR	OFF	2002/02/20 13:50
S35	1	"4705350".PN.	USPAT	OR	OFF	2002/02/20 13:50
S36	1	"4704715".PN.	USPAT	OR	OFF	2002/02/20 13:50
S37	1	"4658394".PN.	USPAT	OR	OFF	2002/02/20 13:50
S38	1	"4642804".PN.	USPAT	OR	OFF	2002/02/20 13:51
S39	1	"4642804".PN.	USPAT	OR	OFF	2002/02/20 13:51
S40	1	"4704715".PN.	USPAT	OR	OFF	2002/02/20 13:52
S41	1	"4658394".PN.	USPAT	OR	OFF	2002/02/20 13:52
S42	129	359/109-195.ccls. and (wavelength\$ adj1 converter\$)	USPAT	OR	OFF	2002/02/20 13:58
S43	67	(359/109-195.ccls. and (wavelength\$ adj1 converter\$)) and wdm	USPAT	OR	OFF	2002/02/20 13:58
S44	194	(359/119).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 11:14

## EAST Search History

S45	950	(359/124).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 13:30
S46	579	(359/127).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 13:38
S47	924	359/125	USPAT	OR	OFF	2003/04/11 13:43
S48	360	(359/128).CCLS.	USPAT; USOCR	OR	OFF	2003/04/11 13:51
S49	122	(398/48).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:11
S50	211	(398/45).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:11
S51	521	(398/79).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:11
S52	294	(398/82).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:11
S53	188	(398/91).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:12
S54	62	(398/95).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:13
S55	18	(398/165).CCLS.	USPAT; USOCR	OR	OFF	2004/10/27 11:13
S56	30	(atsushi near1 takai).in.	US-PGPUB; USPAT	OR	OFF	2004/10/27 11:19
S57	33	(ryoji near1 takeyari).in.	US-PGPUB; USPAT	OR	OFF	2004/10/27 11:20
S58	60	(takase near1 akihiko).in.	US-PGPUB; USPAT	OR	OFF	2004/10/27 11:20
S60	235858	(wavelength\$1 or frequenc\$2) same conver\$5	USPAT; EPO; JPO	OR	OFF	2005/06/24 10:36
S61	25467	(wavelength\$1) with conver\$5	USPAT; EPO; JPO	OR	OFF	2005/06/24 10:36
S62	15166	(wavelength\$1) near5 conver\$5	USPAT; EPO; JPO	OR	OFF	2005/06/24 10:37
S63	1365	(wavelength\$1 near5 conver\$5) with select\$3	USPAT; EPO; JPO	OR	OFF	2005/06/24 10:37
S64	150	(wavelength\$1 near5 conver\$5) with select\$3 with multiplex\$3	USPAT; EPO; JPO	OR	OFF	2005/06/24 10:38
S65	3434	(wavelength or frequenc\$2) with correspond\$3 with (station or terminal or nodes or apparatus)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:29
S66	98	(wavelength or frequenc\$2) with correspond\$3 with (station or terminal or nodes or apparatus) same (assign\$3 or alott\$3)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:30

## EAST Search History

S67	9	(wavelength) with correspond\$3 with (station or terminal or nodes or apparatus) same (assign\$3 or allott\$3)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:31
S68	34	(wavelength) same correspond\$3 same (station or terminal or nodes or apparatus) same (assign\$3 or allott\$3)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:34
S69	25	S68 not S67	USPAT; EPO; JPO	OR	ON	2005/12/29 15:31
S70	502	(wavelength) with correspond\$3 with (station or terminal or nodes or apparatus)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:34
S71	61	(select\$3 or choos\$3) with (wavelength) with correspond\$3 with (station or terminal or nodes or apparatus)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:36
S72	1465	(select\$3 or choos\$3) with (wavelength) same (wavelength near\$3 conver\$4)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:37
S73	770	(select\$3 or choos\$3) near\$3 (wavelength) with (wavelength near\$3 conver\$4)	USPAT; EPO; JPO	OR	ON	2005/12/29 15:37
S74	0	(select\$3 or choos\$3) near\$3 (wavelength) with (wavelength near\$3 conver\$4) same (correspond\$3 near\$4 (terminal or node or apparatus))	USPAT; EPO; JPO	OR	ON	2005/12/29 15:38
S75	0	(select\$3 or choos\$3) with (wavelength) with (wavelength near\$3 conver\$4) same (correspond\$3 near\$4 (terminal or node or apparatus))	USPAT; EPO; JPO	OR	ON	2005/12/29 15:38
S76	0	(select\$3 or choos\$3) near\$3 (wavelength) same (wavelength near\$3 conver\$4) same (correspond\$3 near\$4 (terminal or node or apparatus))	USPAT; EPO; JPO	OR	ON	2005/12/29 15:39
S77	0	((select\$3) near\$3 (wavelength)) same (wavelength near\$3 conver\$4) same (correspond\$3 near\$4 (terminal or node or apparatus))	USPAT; EPO; JPO	OR	ON	2005/12/29 15:39
S78	0	(optical adj (frequency or division)) same select\$4\$3 same conver\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/11 13:39
S79	231	(optical adj (frequency or division)) same select\$3 same conver\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/11 13:41

## EAST Search History

S80	634	(optical adj (frequency or wavelength)) same select\$3 same conver\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/06/11 13:40
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